



## SEQUENCE LISTING

<110> Prieto Valtuena, Jesus  
Civeira Murillo, Pilar  
Larrea Leoz, Esther

<120> USE OF INTERFERON ALPHA 5 IN THE TREATMENT OF VIRAL LIVER DISEASES

<130> U-013039-2

<140> 09/674445

<141> 2000-11-01

<150> PCT ES99/00134

<151> 1999-05-13

<150> ES P9801003

<151> 1998-05-13

<160> 8

<210> 1

<211> 274

<212> DNA

<213> Homo sapien

<220>

<223> Nucleotides 672 - 945 in the sequence of the IFN $\alpha$ 5 gene published in the Genbank database under access number X02956.

<400> 1

tc cat gag atg atc cag cag acc ttc aat ctc ttc agc aca aag gac tca 50  
His Glu Met Ile Gln Gln Thr Phe Asn Leu Phe Ser Thr Lys Asp Ser  
1 5 10 15

tct gct act tgg gat gag aca ctt cta gac aaa ttc tac act gaa ctt tac 101  
Ser Ala Thr Trp Asp Glu Thr Leu Leu Asp Lys Phe Tyr Thr Glu Leu Tyr  
20 25 30

cag cag ctg aat gac ctg gaa gcc tgt atg atg cag gag gtt gga gtg gaa 152  
Gln Gln Leu Asn Asp Leu Glu Ala Cys Met Met Gln Glu Val Gly Val Glu  
35 40 45 50

gac act cct ctg atg aat gtg gac tct atc ctg act gtg aga aaa tac ttt 203  
Asp Thr Pro Leu Met Asn Val Asp Ser Ile Leu Thr Val Arg Lys Tyr Phe  
55 60 65



<223> Primer to amplify a fragment of 276 base pairs located  
between nucleotides 349 - 625 of cDNA of human IFN $\beta$  gene

<400> 4

tctagcactg gctggaatga g

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<210> 5

<211> 21

<212> DNA

<213> Artificial Sequence

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<223> Primer to amplify a fragment of 276 base pairs located  
between nucleotides 349 - 625 of cDNA of human IFN $\beta$  gene

<400> 5

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21

<210> 6

<211> 20

<212> DNA

<213> Artificial Sequence

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<223> Primer to amplify a fragment of 314 base pairs  
(nucleotides 1319 - 2079) of the  $\beta$ -actin gene

<400> 6

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<210> 7

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer to amplify a fragment of 314 base pairs

A3  
Cm  
007075 511128

(nucleotides 1319 - 2079) of the  $\beta$ -actin gene

<400> 7

ggtgaggatc ttcattgaggt

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<210> 8

<211> 23

<212> DNA

<213> Artificial Sequence

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<223> DNA fragment for use in determining C virus genotype

<400> 8

gcccgtcttg gggccmaaat gat

23

SCANNED, #